

Name of Work: Drilling of Borewells and Providing Pump Motor & Electrification in Ward No 14, Bagalagunte

1st & Part Bill  
ABSTRACT

| Item No | UNIT | Qty   | Rate    | Amount   |
|---------|------|-------|---------|----------|
| 1       | Cum  | 4.00  | 2117.77 | 8471.00  |
| 2       | Rmtr | 50.00 | 344.33  | 17217.00 |
|         |      | 50.00 | 450.77  | 22538.50 |
|         |      | 50.00 | 500.75  | 25037.50 |
|         |      | 50.00 | 528.88  | 26444.00 |
|         |      | 50.00 | 612.15  | 30607.50 |
|         |      | 50.00 | 656.04  | 32802.00 |
|         |      | 50.00 | 699.86  | 34993.00 |
|         |      | 15.00 | 740.43  | 11106.45 |
|         |      | 50.00 | 344.33  | 17217.00 |
|         |      | 50.00 | 450.77  | 22538.50 |
|         |      | 50.00 | 500.75  | 25037.50 |
|         |      | 50.00 | 528.88  | 26444.00 |
|         |      | 50.00 | 612.15  | 30607.50 |
|         |      | 50.00 | 656.04  | 32802.00 |
|         |      | 50.00 | 699.86  | 34993.00 |
|         |      | 10.00 | 740.43  | 7404.30  |
|         |      | 50.00 | 344.33  | 17217.00 |
|         |      | 50.00 | 450.77  | 22538.50 |
|         |      | 50.00 | 500.75  | 25037.50 |
|         |      | 50.00 | 528.88  | 26444.00 |
|         |      | 50.00 | 612.15  | 30607.50 |
|         |      | 50.00 | 656.04  | 32802.00 |
|         |      | 50.00 | 344.33  | 17217.00 |
|         |      | 50.00 | 450.77  | 22538.50 |
|         |      | 50.00 | 500.75  | 25037.50 |
|         |      | 50.00 | 528.88  | 26444.00 |
|         |      | 50.00 | 612.15  | 30607.50 |
|         |      | 50.00 | 656.04  | 32802.00 |

Division

Name of Work:  
Estimated Cost:  
Head of Account:  
Job Code No :  
A.S No. & Date:  
T.S No. & Date:  
W.O No. & Date:  
Recording Date:

Drilling of Borewells and Providing Pump Motor & Electrification in Ward  
No 14, Bagalagunte  
40.00 Lakhs  
P-1802, Water Supply  
014-19-000052  
EE/DD/A5/116/18-19, Dt.17.01.2019  
CE/DZ/TS/97/18-19, Dt.28.01.2019  
EE/DD/WO/339/19-20, Dt.18.06.2019

548

05.09.19

1st and Part Bill  
Pre-Measurement

| Sl. No. | Description of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Measurements |   |   |   |      |         | Amount  | Unit |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---|---|---|------|---------|---------|------|
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No.s         | L | B | D | Qty  | Rate    |         |      |
| 1       | Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumbergers's method including reconnaissance suevey of geological formation Geophysical investigation of existing ground Water in the vicinity. its quality , quality & acceptability of the users indicating the location of the site recommended depth of casing pipe required to seal the tope unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tapped propable yield and other information required including transportation of instrument and accessories to work site, engating technical personal and labour etc.,PRE- Bangalore Circle-2014-15 Page No-47 & 48 , Item No-9.4 |              |   |   |   |      |         |         |      |
|         | Soundarya Layout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1            |   |   |   | 1.00 |         |         |      |
|         | Manjunatha Nagara                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            |   |   |   | 1.00 |         |         |      |
|         | Siddeshwara Layout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1            |   |   |   | 1.00 |         |         |      |
|         | Sheshadri Layout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1            |   |   |   | 1.00 |         |         |      |
|         | Total Qty/ Payable Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |   |   |   | 4.00 | 2117.77 | 8471.00 | Each |

Assistant Engineer  
Ward 14

Assistant Executive Engineer  
T.Dasarahalli Sub Division, BBMP

| Sl. No.           | Description of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Measurements |       |   |   |       |        | Amount   | Unit |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------|---|---|-------|--------|----------|------|
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No.s         | L     | B | D | Qty   | Rate   |          |      |
| Pre-Measurement   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |       |   |   |       |        |          |      |
| 2                 | Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,PRE- Bangalore Circle-2014-15, Page No-46, Item No-9.1.1 to 9.1.7 |              |       |   |   |       |        |          |      |
| Soundarya Layout  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |       |   |   |       |        |          |      |
|                   | 0.00 to 50.00 mtrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1            | 50.00 |   |   | 50.00 | 344.33 | 17217.00 | Rmtr |
|                   | 50mtr to 100.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1            | 50.00 |   |   | 50.00 | 450.77 | 22539.00 |      |
|                   | 100.00 to 150.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 500.75 | 25038.00 |      |
|                   | 150.00 to 200.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 528.88 | 26444.00 |      |
|                   | 200.00 to 250.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 612.15 | 30608.00 |      |
|                   | 250.00 to 300.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 656.04 | 32802.00 |      |
|                   | 300.00 to 350.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 699.86 | 34993.00 |      |
|                   | 350.00 to 365.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 15.00 |   |   | 15.00 | 740.43 | 11106.45 |      |
| Manjunatha Nagara |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |       |   |   |       |        |          |      |
|                   | 0.00 to 50.00 mtrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1            | 50.00 |   |   | 50.00 | 344.33 | 17217.00 | Rmtr |
|                   | 50mtr to 100.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1            | 50.00 |   |   | 50.00 | 450.77 | 22539.00 |      |
|                   | 100.00 to 150.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 500.75 | 25038.00 |      |
|                   | 150.00 to 200.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 528.88 | 26444.00 |      |
|                   | 200.00 to 250.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 612.15 | 30608.00 |      |
|                   | 250.00 to 300.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 656.04 | 32802.00 |      |
|                   | 300.00 to 350.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 699.86 | 34993.00 |      |
|                   | 350.00 to 310.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 10.00 |   |   | 10.00 | 740.43 | 7404.00  |      |
| Shwara Layout     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |       |   |   |       |        |          |      |
|                   | 0.00 to 50.00 mtrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1            | 50.00 |   |   | 50.00 | 344.33 | 17217.00 | Rmtr |
|                   | 50mtr to 100.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1            | 50.00 |   |   | 50.00 | 450.77 | 22539.00 |      |
|                   | 100.00 to 150.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 500.75 | 25038.00 |      |
|                   | 150.00 to 200.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 528.88 | 26444.00 |      |
|                   | 200.00 to 250.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 612.15 | 30608.00 |      |
|                   | 250.00 to 300.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 656.04 | 32802.00 |      |
| Shri Layout       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |       |   |   |       |        |          |      |
|                   | 0.00 to 50.00 mtrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1            | 50.00 |   |   | 50.00 | 344.33 | 17217.00 | Rmtr |
|                   | 50mtr to 100.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1            | 50.00 |   |   | 50.00 | 450.77 | 22539.00 |      |
|                   | 100.00 to 150.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 500.75 | 25038.00 |      |
|                   | 150.00 to 200.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 528.88 | 26444.00 |      |
|                   | 200.00 to 250.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 612.15 | 30608.00 |      |
|                   | 250.00 to 300.00 mtr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 50.00 |   |   | 50.00 | 656.04 | 32802.00 |      |

Assistant Engineer  
Ward 14

Assistant Executive Engineer  
T.Dasarahalli Sub Division, BBMP

Division

| Sl. No.         | Description of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Measurements |    |   |   |        |         | Amount    | Unit |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----|---|---|--------|---------|-----------|------|
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No.s         | L  | B | D | Qty    | Rate    |           |      |
| Pre-Measurement |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |    |   |   |        |         |           |      |
| 3               | Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe- grade of steel Fee 410 of wall thickness 5.4 mm thick confirming to IS 1387/1933 and manufactured by basic open hearth electric or basic oxygen process in random lenth of 5 to 7mtrs. Both ends threaded Confirming to IS 554/1985, One end fixed with a Socket Confirming to IS 4270:2001 and the other end with Screwed pipes . All pipes shall be reasonably free from defectes. The tube shall be reasonably straight should be with ISI marking, weighing 25.10kg/mtr. (Inclusive of all taxes) (PRED,2012-13 Page No.iii, item No-84) |              |    |   |   |        |         |           |      |
|                 | Soundarya Layout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |    |   |   |        |         |           |      |
|                 | Manjunatha Nagara                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 30 | - | - | 30.00  |         |           |      |
|                 | Siddeshwara Layout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1            | 33 | - | - | 33.00  |         |           |      |
|                 | Sheshadri Layout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1            | 32 | - | - | 32.00  |         |           |      |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1            | 35 |   |   | 35.00  |         |           |      |
|                 | Total Qty/ Payable Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |    |   |   | 130.00 | 1447.56 | 188183.00 | Mtr  |

Assistant Engineer  
Ward 14

Assistant Executive Engineer  
T.Dasarahalli Sub Division, BBMP

Division

| Sl. No.                | Description of work                                                                                                          | Measurements |    |   |   |       | Amount  | Unit     |      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|----|---|---|-------|---------|----------|------|
|                        |                                                                                                                              | No.s         | L  | B | D | Qty   |         |          | Rate |
| Pre-Measurement        |                                                                                                                              |              |    |   |   |       |         |          |      |
| 4                      | Providing and Fixing 250mm dia PVC pipe and as per Specification and Direction (BWSSB SR 13-14, P.No.53, IT.No01 of Sl No.11 |              |    |   |   |       |         |          |      |
|                        | Soundarya Layout                                                                                                             |              |    |   |   |       |         |          |      |
|                        | Manjunatha Nagara                                                                                                            | 1            | 18 | - | - | 18.00 |         |          |      |
|                        | Siddeshwara Layout                                                                                                           | 1            | 18 | - | - | 18.00 |         |          |      |
|                        | Sheshadri Layout                                                                                                             | 1            | 18 | - | - | 18.00 |         |          |      |
|                        |                                                                                                                              | 1            | 18 | - | - | 18.00 |         |          |      |
| Total Qty/ Payable Qty |                                                                                                                              |              |    |   |   | 72.00 | 1237.80 | 89122.00 | Each |

C-5548

Assistant Engineer  
Ward 14

Assistant Executive Engineer  
T.Dasarahalli Sub Division, BBMP

| Sl. No.         | Description of work                                       | Measurements           |   |   |   |      | Amount | Unit |
|-----------------|-----------------------------------------------------------|------------------------|---|---|---|------|--------|------|
|                 |                                                           | No.s                   | L | B | D | Qty  |        |      |
| Pre-Measurement |                                                           |                        |   |   |   |      |        |      |
| 5               | Providing 175 mm dia MS Collar (RDED SR page ii, Item 86) |                        |   |   |   |      |        |      |
|                 | Soundarya Layout                                          | 0                      |   |   |   | 0    |        |      |
|                 | Marjunatha Nagara                                         | 0                      |   | - | - | 0    |        |      |
|                 | Siddeshwara Layout                                        | 0                      |   | - | - | 0    |        |      |
|                 | Sheshadri Layout                                          | 0                      |   | - | - | 0    |        |      |
|                 |                                                           | Total Qty/ Paynble Qty |   |   |   | 0.00 |        | Each |

10.: TC-5548

Assistant Engineer  
Ward 14

Assistant Executive Engineer  
T.Dasarahalli Sub Division, BBMP

Division

| Sl. No. | Description of work                                                                                            | Measurements |     |   |   |         |        | Amount    | Unit |
|---------|----------------------------------------------------------------------------------------------------------------|--------------|-----|---|---|---------|--------|-----------|------|
|         |                                                                                                                | No.s         | L   | B | D | Qty     | Rate   |           |      |
| 8       | Providing and fixing of 50mm G.I pipe 'B' class heavy duty for erection of submersible pumpset galvanised tube |              |     |   |   |         |        |           |      |
|         | 50mm supply ad delivery of cause heavy duty as per IS/239/1990 ( P No.XLVII, SL.No 01) PWD SR 2018-19          |              |     |   |   |         |        |           |      |
|         | Soundarya Layout                                                                                               | 1            | 270 |   |   | 270     |        |           |      |
|         | Manjunatha Nagara                                                                                              | 0            | 0   | - | - | 0       |        |           |      |
|         | Siddeshwara Layout                                                                                             | 1            | 375 | - | - | 375     |        |           |      |
|         | Sheshadri Layout                                                                                               | 1            | 395 | - | - | 395     |        |           |      |
|         | Total Qty/ Payable Qty                                                                                         |              |     |   |   | 1040.00 | 480.59 | 499814.00 | Mtrs |

Assistant Engineer  
Ward 14

Assistant Executive Engineer  
T.Dasarahalli Sub Division, BBMP

Certificate No

19

MP